**ASSIGNMENT 7**

1. Create a shell file which includes Installation of Tomcat 9(into new directory) and start tomcat service  
   Execute created shell file which should install and start service  
     
   **Output**: Launch Tomcat from browser (It should launch default page)  
     
   **Note**: Tomcat Requires Java as Pre-requisite and Tomcat runs on Port 8080 by default

Before installing tomcat, as a prerequisite we need to install java atfirst by using cmd:

[ec2-user@ip-172-31-34-175 ~]$ sudo yum install java-1.8.0-amazon-corretto.x86\_64

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After installing Java, create a shell file and execute the file by: sudo bash tomcat.sh

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Add a new security inbound with IPv4, allowing all the traffic.

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Finally:

Take the public ipv4 address and URL should be ipv4:8080 port

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2) Create a file (test.txt) with content as ""I love machine, I am into devops cloud""  
  
Write a shell script which has to replace machine into DevOps in above file  
Then print the no of occurences of devops as output when we execute shell file

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